

What is claimed is:

1 1. A method of controlling software components in a processing system
2 having plural nodes, comprising:
3 receiving a request to start the system;
4 determine one or more selected software components to start in each node;
5 and
6 invoke, with a manager module, services to start the selected software
7 components in the nodes of the processing system.

1 2. The method of claim 1, wherein invoking the services comprises invoking
2 WINDOWS® services.

1 3. The method of claim 2, wherein invoking the services with the manager
2 module comprises invoking the services with a WINDOWS® service control manager
3 module.

1 4. The method of claim 3, further comprising starting, with the services,
2 corresponding software components in the nodes.

1 5. The method of claim 4, wherein starting the software components
2 comprises starting software components defined as WINDOWS® services.

1 6. The method of claim 1, further comprising launching a start routine, the
2 start routine issuing a request to the manager module to invoke the services.

1 7. The method of claim 6, comprising running an instance of the manager
2 module in each node.

1 8. The method of claim 7, wherein the manager module instance in each
2 node invokes corresponding one or more services in the node.

1 9. The method of claim 8, wherein one of the nodes is a master node,
2 wherein launching the start routine is performed in the master node.

1 10. The method of claim 8, further comprising the start routine
2 communicating requests to manager module instances in the nodes to start corresponding
3 services.

1 11. The method of claim 1, wherein invoking the services comprises invoking
2 one service for each software component.

1 12. The method of claim 1, wherein invoking the services with a manager
2 module comprises invoking the services with a WINDOWS® service control manager
3 module.

1 13. A system comprising:
2 a plurality of nodes;
3 software components executable in corresponding nodes; and
4 a manager module executable in the system to invoke services to control
5 the software components.

1 14. The system of claim 13, wherein the manager module comprises plural
2 instances executable on corresponding nodes.

1 15. The system of claim 13, wherein the manager module comprises a
2 WINDOWS® service control manager.

1 16. The system of claim 13, wherein the services comprise WINDOWS®
2 services.

1 17. The system of claim 13, wherein the manager module is executable to
2 invoke services to start the software components.

1 18. The system of claim 17, further comprising a start procedure to invoke the
2 services through the manager module.

1 19. The system of claim 18, wherein the start procedure comprises a start
2 service and a program invokable by the start service.

1 20. A system comprising:
2 a plurality of nodes;
3 software components executable in corresponding nodes; and
4 a manager module executable to control the software components in the
5 plural nodes and to enable a monitoring module to monitor statuses of the software
6 components in the nodes.

1 21. An article comprising one or more machine-readable storage media
2 containing instructions that when executed cause a system having plural nodes to:
3 receive a command to start software components in the plural nodes; and
4 launch services through a manager module to invoke corresponding
5 software components.

1 22. The article of claim 21, wherein the instructions when executed cause the
2 system to launch a start procedure to send requests to the manager module to launch the
3 services.

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